BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvements to roads & Drains at Kalasti Nagara in Ward No 15 T.Dasarahalli

							Est. Cost Rs	10.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount	
1	KSRRB 300-2: Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications- in hard soil Page No. 141/ Item No. 19.2/ PWD SR 2015-16									
	Road	Cum	1	115.00	0.90	0.30	31.05			
			1	48.00	0.90	0.30	12.96			
			2	3.00	1.00	0.85	5.10			
							49.11	115.56	5675.00	
	Basic Rate	107.00								
	Add Area Weightage 8%	8.56								
	Total	115.56								
2	KSRRB M2100-10: Plain cement concrete M-10 with OPC cement at 220kg with crushed 40mm down size graded granite metal course aggregate @0.84 CUM and fine agreegate @ 0.6 CM in Foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specification No. 2100. Page No. 211/ Item No. 27.18/ PWD SR 2015-									
		Cum	1	115.00	0.90	0.15	15.53			
			1	48.00	0.90	0.15	6.48			
			2	3.00	1.00	0.15	0.90			
							22.91	5805.00	132964.00	
	Basic Rate	5375.00								
	Add Area Weightage 8%	430.00								
	Total	5805.00								
3	KSRRB M2100-15.1: Plain / Reinforced cement concrete M-20 with OPC cement @ 320kgs with 20mm & down size graded granite metal course agreegate @ 0.69 CM an Fine agregated 0.46 cm with super plaster @ 3ltrs confirming to IS 9103-1999 Reaffirmed -2008 in open Foundation complete as per Drawing and Technical Specifications Case – 1: Using Concrete Mixture. MORTH Specification No. 1500, 1700, & 2100. Page No. 211/ Item No. 27.26/ PWD SR 2015-16									

		2x2	3.00	0.15	0.60	1.08		
		1	115.00	3.00	0.15	51.75		
		1	48.00	4.00	0.15	28.80		
Basic Rate	5930.00					81.63	6404.40	522791.00
Add Area Weightage 8%	474.40							
Total	6404.40							

KSRB M2200-5.9 Design Mix M20 with OPC cement @ 320kgs with 20mm & down size graded granite metal course agreegate @ 0.69 CM an Fine agregated 0.46 cm with super plaster @ 3ltrs confirming to IS 9103-1999 Reaffirmed -2008 i.) Upto 5m height Page No. 216/ Item No. 28.7.9/ PWD SR 2015-16

		2	3.00	2.00	0.30	3.60		
						3.60	6732.72	24238.00
Basic Rate	6234.00							
Add Area Weightage 8%	498.72							
Total	6732.72							

KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specifications.(Page No: 15, itno: 4.30)

	Sqm	2x2	3.00	0.60		7.20		
		2	3.00	2.00		12.00		
						19.20	403.92	7755.00
Basic Rate	374.00							
Add Area Weightage 8%	29.92							
Total	403.92							

KSRB M-2200- TMT/MS bar Reinforcement KSRRB M2200-6 Supplying, fitting and placing TMT bar reinforcement in Sub-structure complete as per drawing and technical specifications complete as per specifications. MORTH specification No. 1600 & 2200. Page No. 218/ Item No. 28.8/ PWD SR 2015-16 **TMT Bars FE 550**

Qty Vide I.No 05	Kgs		3.60		80.00	288.00		
Qty Vide I.No 04			81.63		35.00	2857.05		
						3145.05		
	Tonne				Say	3.15	69879.24	219774.00
Basic Rate	64703.00							2,20,119.
Add Area Weightage 8%	5176.24							
Total	69879.24							

	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (Page 136 table) Page No. 133 Item No. 17.1 PWD SR 2015-16								
	Qnty vide itNo:10	Cum					49.11	78.24	3842.00
	Loding and unloding charges	62.20							
	Lead 4kms 2x1.28x4	10.24							
		72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							
8	KRIDL Charges 8%								80000.00
9	Miscellaneous and UnforessenCharges								2961.00
								Total	1000000.00

(Rupees.Ten Lakhs Only)

CERTIFICATE:-

The Work spot has been inspected and the work is found to be necessary
The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
The Provision made in estimate are adequate and essential.
This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. ಚಲದಿ/AA/23/2016-17 ದಿನಾಂಕ : 30/7/2016
ರೂ. 10.00 Lakhs (Rupees Ten lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. ಚಲದಿ/DD/TS/38/2016-17 ದಿನಾಂಕ : 30/7/2016
ರೂ. 10.00 Lakhs (Rupees Ten Lakhs only)
ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು